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APPLICATION AS FILED - PART I

(Column 1) (Column 2)

| (Column 1) | (Column 2) | SMALL ENTITY OR | SMALL ENTITY | | | |
|--|---|--------------------|----------------|----------|----------------|----------|
| FOR | NUMBER FIXED | NUMBER EXTRA | RATE (\$) | FEE (\$) | RATE (\$) | FEE (\$) |
| BASIC FEE (37 CFR 1.16(a), (b), or (c)) | | | | | | |
| SEARCH FEE (37 CFR 1.16(a), (b), or (c)) | | | | | | |
| EXAMINATION FEE (37 CFR 1.16(a), (b), or (c)) | | | | | | |
| TOTAL CLAIMS (37 CFR 1.16(i)) | minus 70 = | | <i>x 25 =</i> | | | |
| INDEPENDENT CLAIMS (37 CFR 1.16(h)) | minus 3 = | | <i>x 100 =</i> | | | |
| APPLICATION SIZE FEE (37 CFR 1.16(g)) | If the specification and drawings exceed 100 sheets of paper, the application size fee for our is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | <i>x 50 =</i> | |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | | | | <i>x 200 =</i> | |

* If the value in Column 1 is less than zero, enter 0 in Column 2.

* If the difference in column 1 is less than two, subtract one.

APPLICATION AS AMENDED - PART III

| AMENDMENT A | (Column 1) | (Column 2) | (Column 3) | SMALL ENTITY | OR | OTHER THAN SMALL ENTITY |
|-------------|--|---|----------------------|--------------|-----------------------------|-------------------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRIORITI- TY-XTRA | RATE (\$) | ADDI- TIONAL FEE (\$) | RATE (\$) |
| | Total Claims Remaining After Amendment | 5 | Mod. | 20 | | |
| | Independent Claims After Amendment | 2 | Mod. | 3 | | |
| | Application Size Fee (37 CFR 1.16(g)) | | | | | |
| | Fee for filing a patent application | | | | | |
| | Small Entity Filing Fee | | | | | |
| | Large Entity Filing Fee | | | | | |
| | Small Entity Priority-Xtra | | | | | |
| | Large Entity Priority-Xtra | | | | | |
| | Small Entity Total Fee | | | | | |
| | Large Entity Total Fee | | | | | |

| AMENDMENT B | (Column 1) | (Column 2) | (Column 3) | SMALL ENTITY | OR | OTHER THAN SMALL ENTITY |
|-------------|--|---|----------------------|--------------|-----------------------------|-------------------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRIORITI- TY-XTRA | RATE (\$) | ADDI- TIONAL FEE (\$) | RATE (\$) |
| | Total Claims Remaining After Amendment | 5 | Mod. | 20 | | |
| | Independent Claims After Amendment | 2 | Mod. | 3 | | |
| | Application Size Fee (37 CFR 1.16(g)) | | | | | |
| | Fee for filing a patent application | | | | | |
| | Small Entity Filing Fee | | | | | |
| | Large Entity Filing Fee | | | | | |
| | Small Entity Priority-Xtra | | | | | |
| | Large Entity Priority-Xtra | | | | | |
| | Small Entity Total Fee | | | | | |
| | Large Entity Total Fee | | | | | |

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450